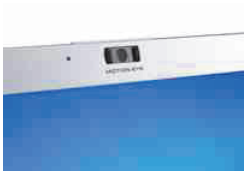
Inspired by theater screens. Born out of Sony® HD technology.



Color of model will vary depening on configuration.

POWERFUL PC PERFORMANCE

Intel® Core™ 2 Duo T9600-P8400 processor (2.80GHz[1]-2.26GHz) with Intel® Centrino® 2 processor technology available.

The VAIO® FW notebook comes pre-installed with Genuine Microsoft® Windows Vista® Ultimate or Home Premium 64-bit or Windows Vista® Business 32-bit.

Tackle virtually any graphics requirement with an optional ATI Mobility Radeon™ HD 3650 graphics card with 512MB of dedicated video RAM[10].

Built-in Wireless-N technology offers a boost in wireless connection speed and range[3].

INSPIRED BY THEATER SCREENS. BORN OUT OF SONY® HD TECHNOLOGY.

Fall in love with your favorite movies all over again. With an extra-wide, theater inspired 16.4"[6] display, see stunning , true-to-life images with flaming reds, fresh greens and vibrant blues on an available XBRITE-FullHD™ LCD.

The 16:9 aspect ratio ensures that you won't miss an inch of the original picture from your favorite movie while also providing valuable extra workspace. Compare two documents or websites side-by-side without the hassle of having to tab back and forth.

With optional Blu-ray Disc™ technology[5], you can archive or record[17] 25-50GB[2] of home movies, music and digital photos to a single Blu-ray Disc™ media (sold separately)[5].

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV (HDMI™ cable sold separately)[19].

ENDLESS FEATURES

The VAIO® FW notebook, designed with dedicated AV Controls, makes navigating through your favorite multimedia quick and easy.

Editing digital video or images is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

Stay connected to colleagues, friends and family with real-time video conferencing[4] using the integrated MOTION EYE® camera and microphone.

Broaden your entertainment horizons with the VAIO® FW notebook featuring an extra-wide 16.4"[6] LCD display. Great for watching[16] and recording[17] widescreen Blu-ray Disc™ movies (configurable) or viewing two web sites side-by-side, this entertainment powerhouse is inspired by theater screens, born out of Sony® HD expertise, and powered by Intel® Centrino® 2 Processor Technology (depending on configuration).

VGN-FW290 Configure-to-Order

VAIO® FW Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S1, DVD Play, A/V Mode, Volume -/+, Play/Pause/Stop, WLAN/Bluetooth® on/off
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2mm stroke and 19.05mm pitch
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T9600 (Configuration 1), Intel® Core™ 2 Duo Processor T9400 (Configuration 2), Intel® Core™ 2 Duo Processor P8600 (Configuration 3), Intel® Core™ 2 Duo Processor P8400 (Configuration 4) or Intel® Core™ 2 Duo Processor T5800 (Configuration 5)
Speed: 2.80GHz[2] (Configuration 1), 2.53GHz[2] (Configuration 2), 2.40GHz[2] (Configuration 3), 2.26GHz[2] (Configuration 4) or 2GHz[2] (Configuration 5)
Front Side Bus Speed: 1066MHz (Configurations 1-4) or 800MHz (Configuration 5)
L2 Cache: 6MB (Configurations 1-2), 3MB (Configurations 3-4) or 2MB (Configuration 5)
Technology: Intel® Centrino® 2 processor technology (available with configurations 1-4)

Memory

Type: DDR2 SDRAM
Installed: 8GB PC2-6400 (4GBx2), 4GB PC2-6400 (2GBx2), 3GB PC2-6400 (2GBx1 + 1GBx1) or 2GB PC2-6400 (1GBx2)
Maximum: 8GB
Speed: 800MHz

Hard Drive

Capacity: 500GB[2] (Configuration 1), 320GB[2] (Configuration 2), 320GB[2] (Configuration 3), 250GB[2] (Configuration 4), 250GB[2] (Configuration 5) or 160GB[2] (Configuration 6)
Speed: 4200rpm (Configuration 1), 5400rpm (Configurations 3,5,6), 7200rpm (Configurations 2, 4)
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max
DVD+RW Write: 8x max
DVD+RW Write: 8x max
DVD-RW Write: 8x max
DVD-RW Write: 6x max
CD-R Write: 16x max
CD-RW Write: 8x max
CD Read: 24x max
DVD Read: 8x max
DVD-RAM Write: 5x max
DVD-R DL Write: 4x max
BD-R Read: 4x max (available with BD-ROM and Blu-ray Disc option)
BD-R Write: 4x max[17] (only available with Blu-ray Disc option)
BD-RE Write: 2x max[17] (only available with Blu-ray Disc option)
BD-ROM Read: 4x max (available with BD-ROM and Blu-ray Disc option)
BD-RE Read: 2x max (available with BD-ROM and Blu-ray Disc option)
BD-R DL Read: 2x max (available with BD-ROM and Blu-ray Disc option)
BD-R DL Write: 2x max[17] (only available with Blu-ray Disc option)
DVD-RAM Read: 5x max
Blu-ray Disc™ Support: Optional [5] (BD-R / BD-RE / BD-ROM / DVD±R DL / DVD±RW / RAM)
BD-RE DL Read: 2x max (available with BD-ROM and Blu-ray Disc option)
BD-RE DL Write: 2x max[17] (only available with Blu-ray Disc option)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard/Duo) media slot with MagicGate® technology
One ExpressCard® / 34 slot
One Secure Digital (SD™ memory card) media slot

Audio

Sound System: Dolby Sound Room® Audio

Display

Screen Size: 16.4"[6]
Resolution: 1600 x 900 (with XBRITE-ECO™ technology) or 1920 x 1080 (with XBRITE-FullHD™ technology)
XBRITE-ECO™ Technology: Optional
XBRITE-FullHD™ Technology: Optional

Graphics

Processor: ATI Mobility Radeon™ HD 3650 with Total Available Graphics Memory of 1270MB[10] (max.) (with 2GB configuration and Windows Vista® Business 32-bit or Windows Vista® Ultimate or Home Premium 64-bit), 1510MB[10] (max.) (with 3-4GB configurations and Windows Vista® Business 32-bit), 1770MB[10] (max.) (with 3GB configuration and Windows Vista® Ultimate or Home Premium 64-bit), 2280MB[10] (max.) (with 4GB configuration and Windows Vista® Ultimate or Home Premium 64-bit) or 3570MB[10] (max.) (with 8GB configuration and Windows Vista® Ultimate or Home Premium 64-bit) or
Mobile Intel® Graphics Media Accelerator 4500MHD with Total Available Graphics Memory of 830MB[10] (max.) (with 2GB RAM configuration and Windows Vista® Business 32-bit or Windows Vista® Ultimate or Home Premium 64-bit), 1340MB[10] (max.) (with 3-4GB configurations and Windows Vista® Business 32-bit or with 3GB configuration and Windows Vista® Ultimate or Home Premium 64-bit) or 1750MB[10] (max.) (4GB configuration and Windows Vista® Ultimate or Home Premium 64-bit)
Video RAM: 512MB of dedicated video RAM (only with ATI graphics option)
Chipset: Mobile Intel® PM45 Express Chipset (only with ATI graphics option)
Mobile Intel® GM45 Express Chipset (only with Intel graphics option)

Inputs and Outputs

HDMI™ Connection Output(s): 1[19]
Headphone Jack: 1
Modem Jack: 1
Microphone Input: 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]
Ethernet Connection (s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Fast Ethernet (RJ-45)
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology[28]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/S) or Large Capacity Battery (VGP-BPL13)
Estimated Battery Life: 1.0-5.5 hours[11] Standard Capacity Battery 1.5-8.0 hours[11] Large Capacity Battery
Power Requirements: 105W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Ultimate 64-bit[5], Windows Vista® Business 32-bit with SP1 or Windows Vista® Home Premium 64-bit[5]
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
Anti-Virus and Recovery Software: Microsoft® Windows Live™ OneCare™ Trial Version[15]
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[14] or Microsoft® Office Small Business (with Windows Vista Business OS only)
The VAIO® Software Experience: Click to Disc Editor - DVD Creation
VAIO® Movie Story - Movie Creation
VAIO® MusicBox - Playlist Creation
VAIO® Media plus - Multimedia Server
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[12]. See actual warranty for details.

Environmental Information

RoHS®: Compliant
For more information: www.sony.com/vaioeco

Regulation and Standard Compliance

Energy Star® Compliant: 4.0

Dimensions

Weight: 6.4-6.7 lbs[7] (with standard battery) depending on configuration
Measurements: 15.1"(W) x 1.14-1.46"(H) x 10.3"(D)[7,8]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS13/S) or Large Capacity Battery (VGP-BPL13)
AC Adapter (VGP-AC19V23)
Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL13)
Standard Capacity Battery (VGP-BPS13A/B)
AC Adapter (VGP-AC19V25)
Stick AC Adapter (VGP-AC19V21)
Neoprene Case (VGP-AMC7)
Ladies Tote (VGP-AML4)
Deluxe Messenger Bag (VGP-AMB11/L)
Universal Carrying Case (VGP-AMB1A)
Bluetooth® Laser Mouse[16] (VGP-BMS33/H)

Color: Black, Powder White, Titanium Gray

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
11. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
12. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
14. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you don't activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
15. Microsoft® Windows Live™ OneCare™ Trial Version – This trial software will work for ninety (90) days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 90-day trial period, you must buy a subscription. You can subscribe online by following the conversion instructions presented during setup and paying the required fees.
16. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from http://esupport.sony.com/EN/DRIVERS.
17. Video recording to Blu-ray Disc™ media is done in MPEG2 and AVC formats only.
18. Interoperability and compatibility among Bluetooth® devices varies.
19. Requires high definition-capable display with HDMI™ connector. Image quality will vary.

Computer Interface: For this product there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. This product meets the standards of the International Energy Star Program for energy efficiency.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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